

FIG. 1

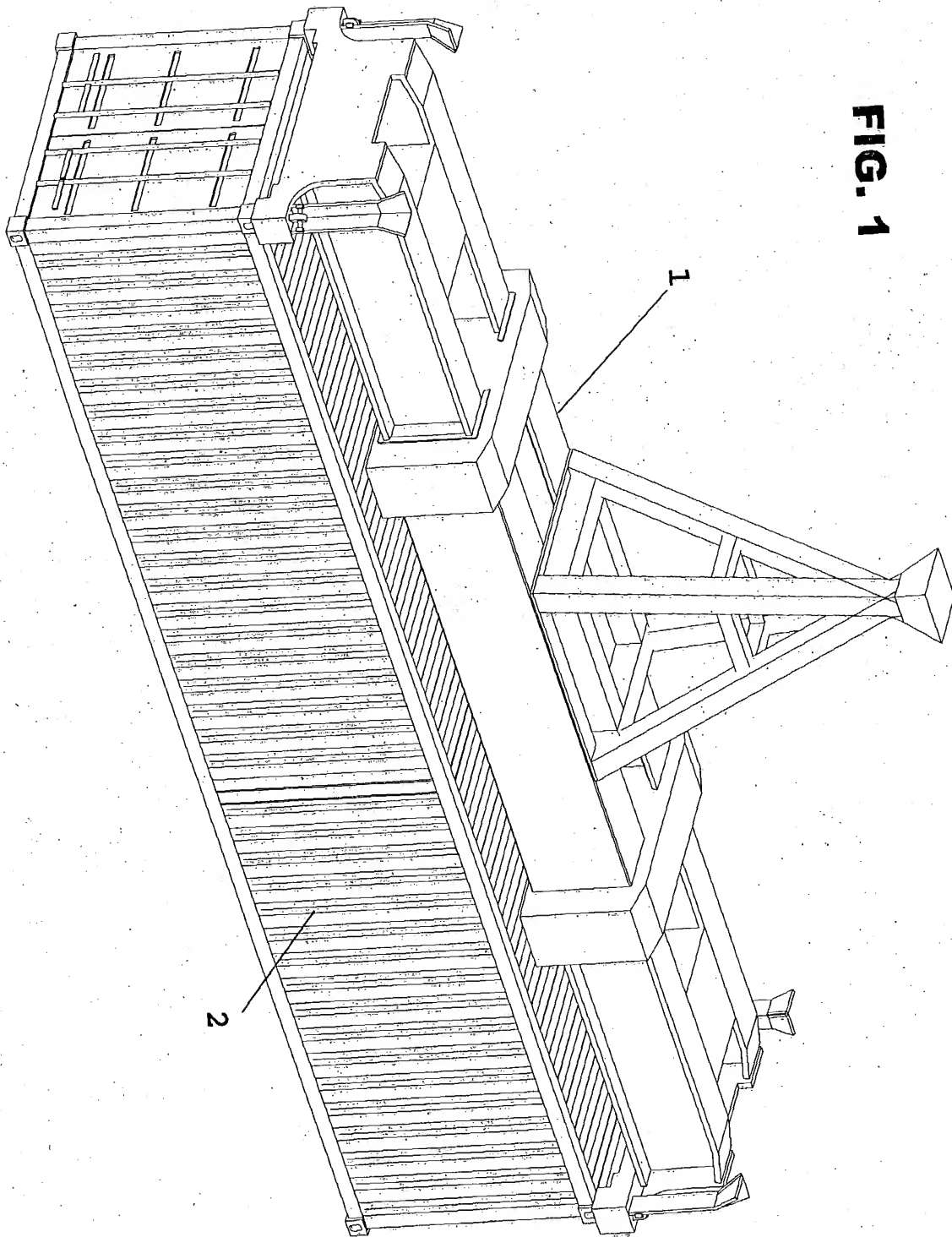


FIG. 2

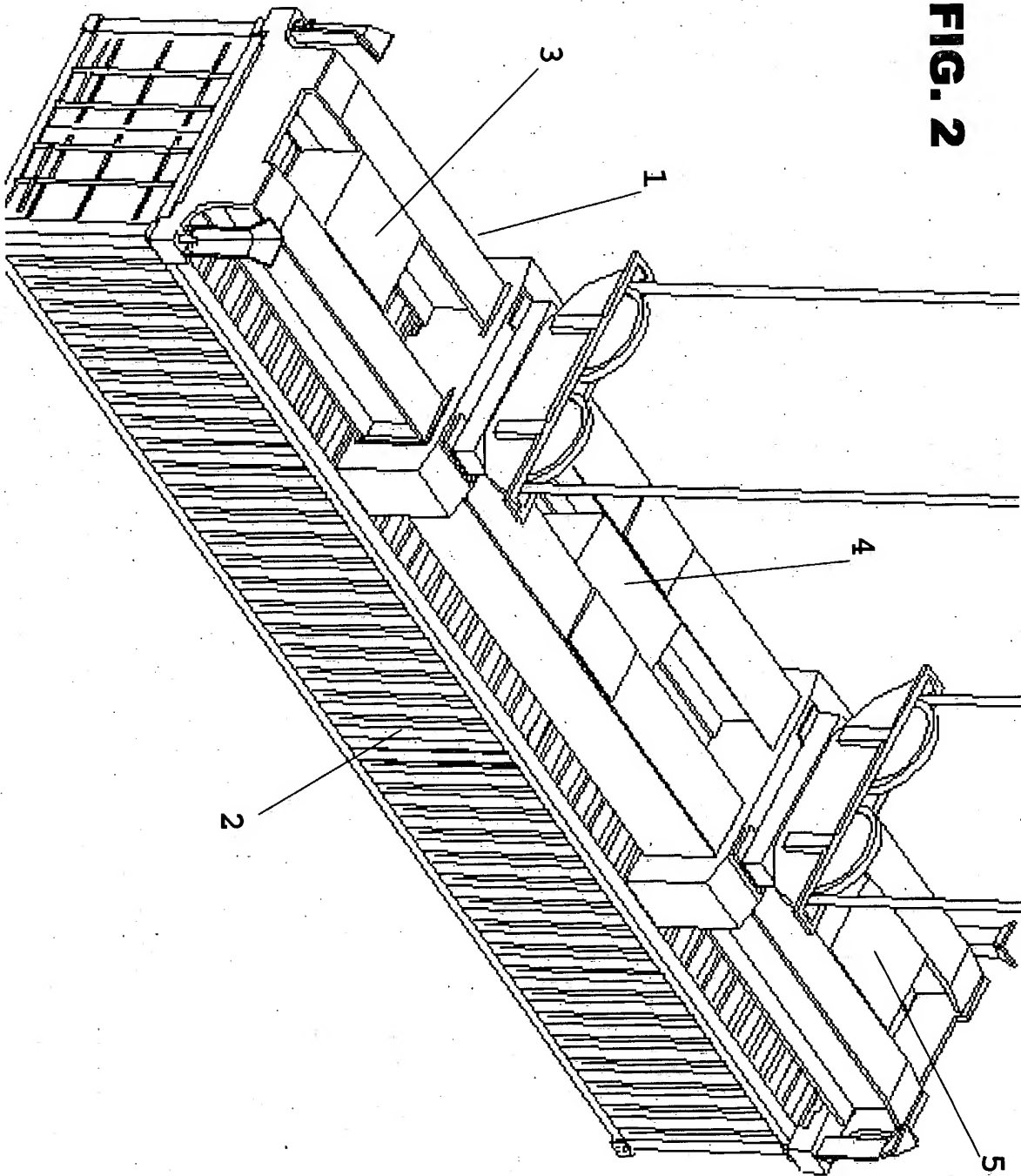


FIG. 3

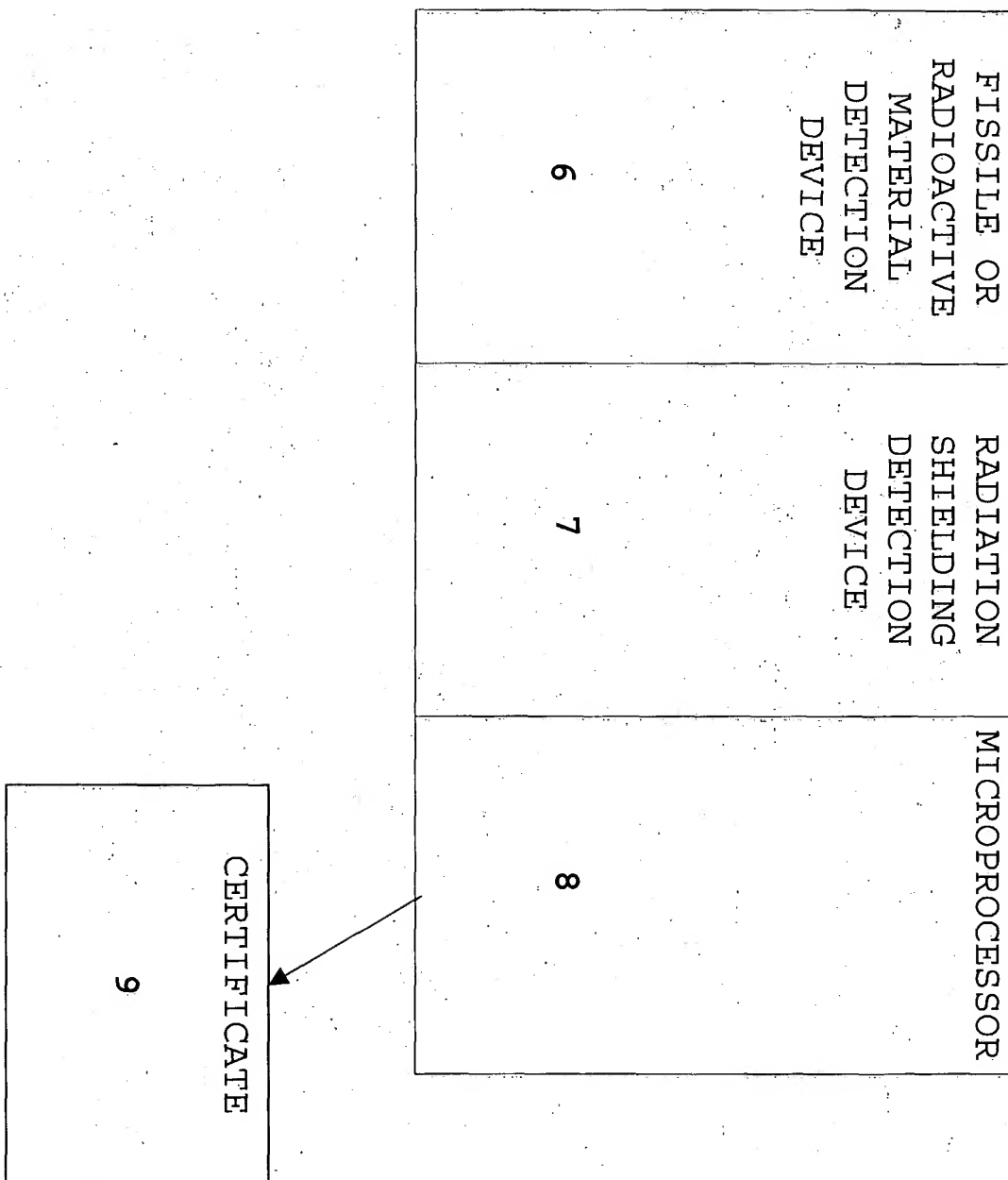


FIG. 4

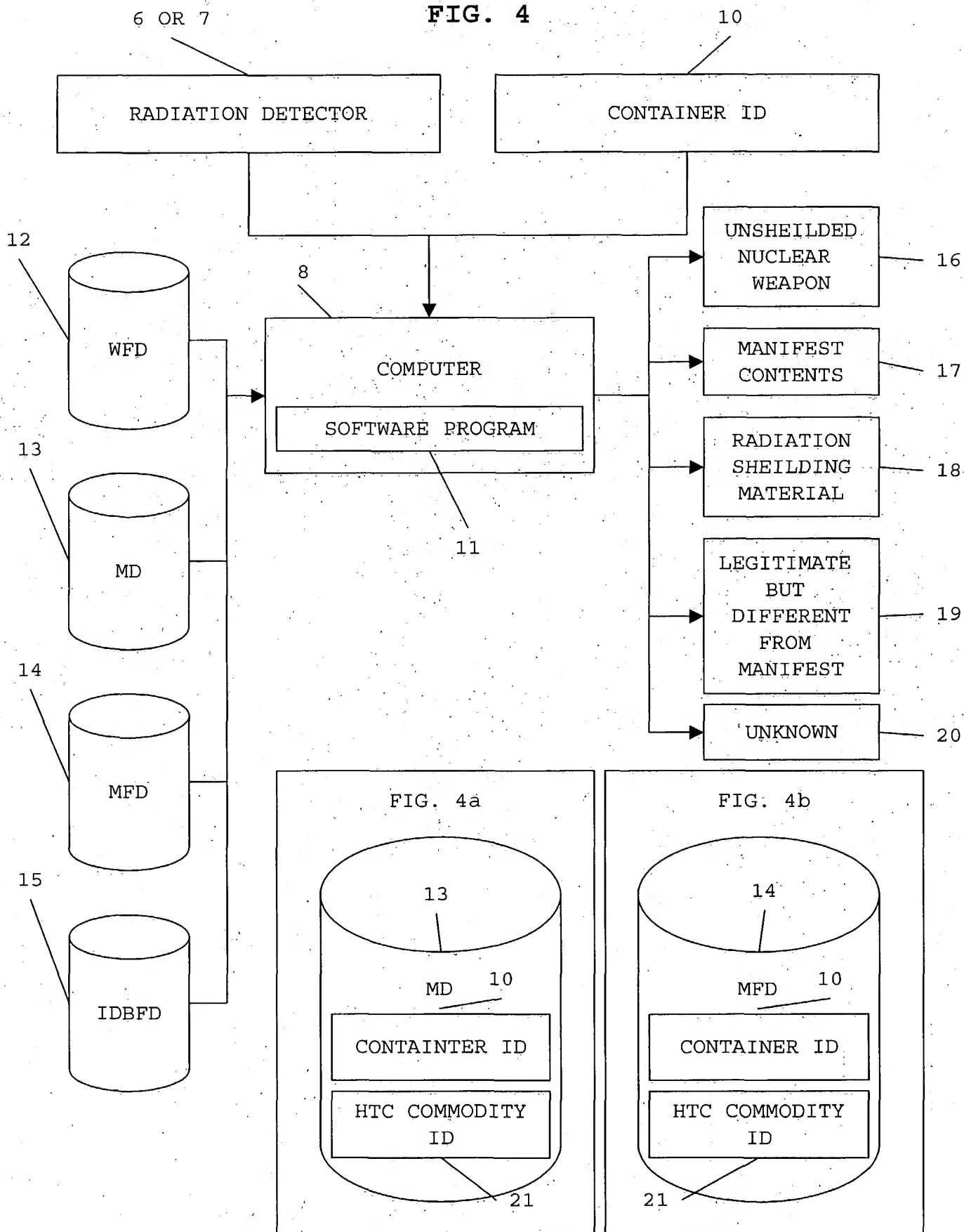


FIG. 5

CREATE ORIGINAL BACKGROUND FINGERPRINT

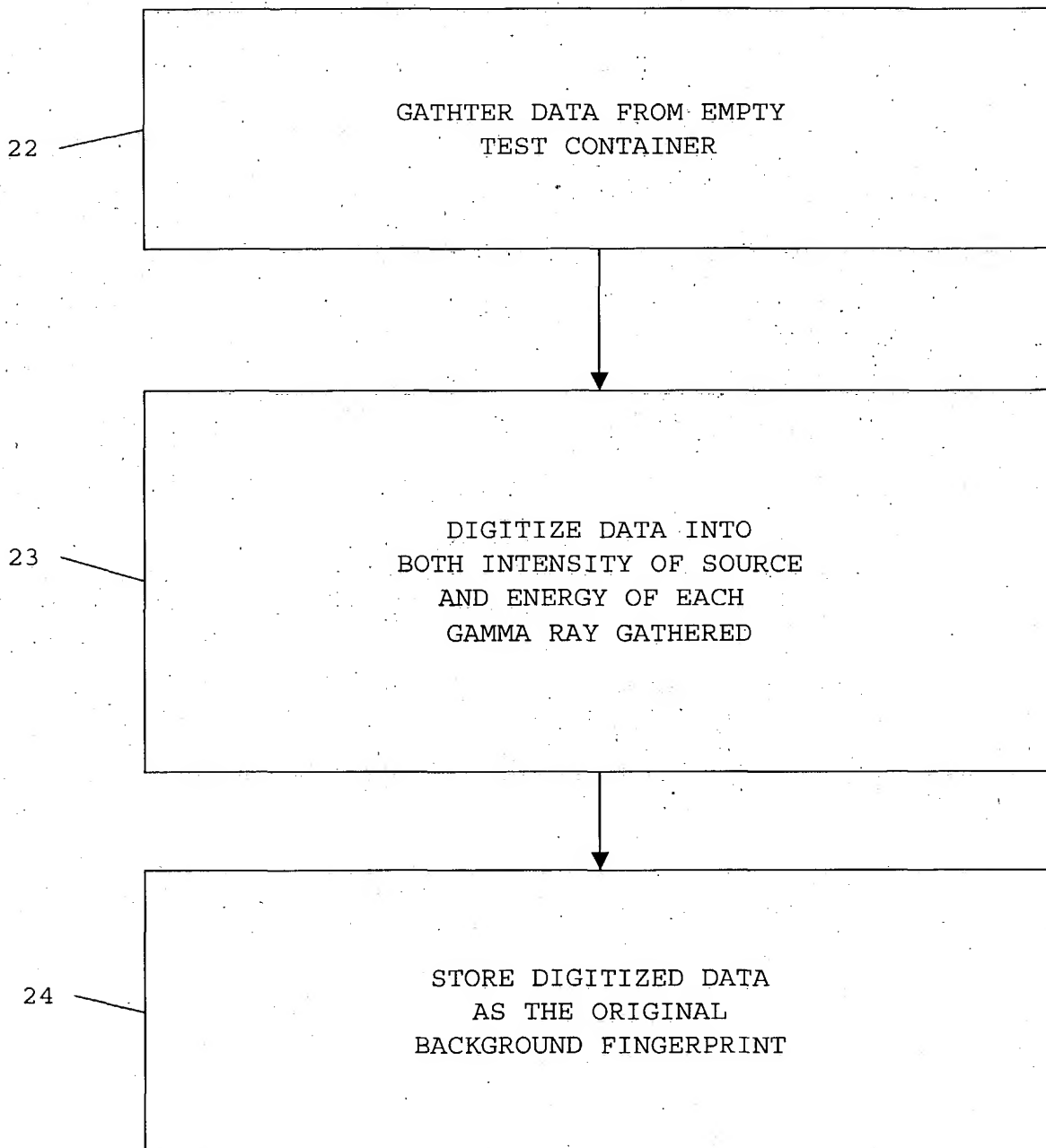


FIG. 6

CREATE WEAPON FINGERPRINT DATABASE

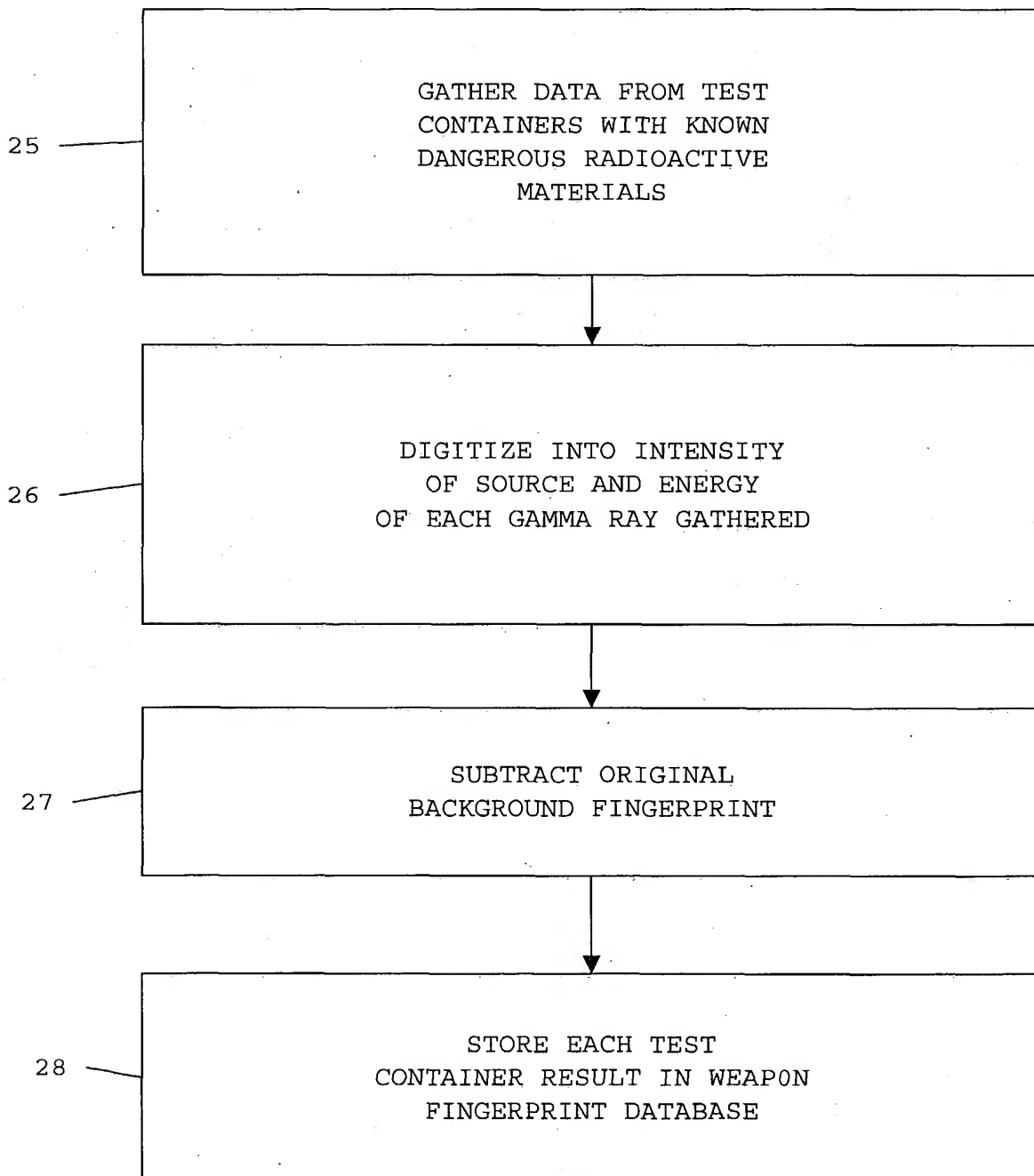


FIG. 7

CREATE MANIFEST FINGERPRINT DATABASE

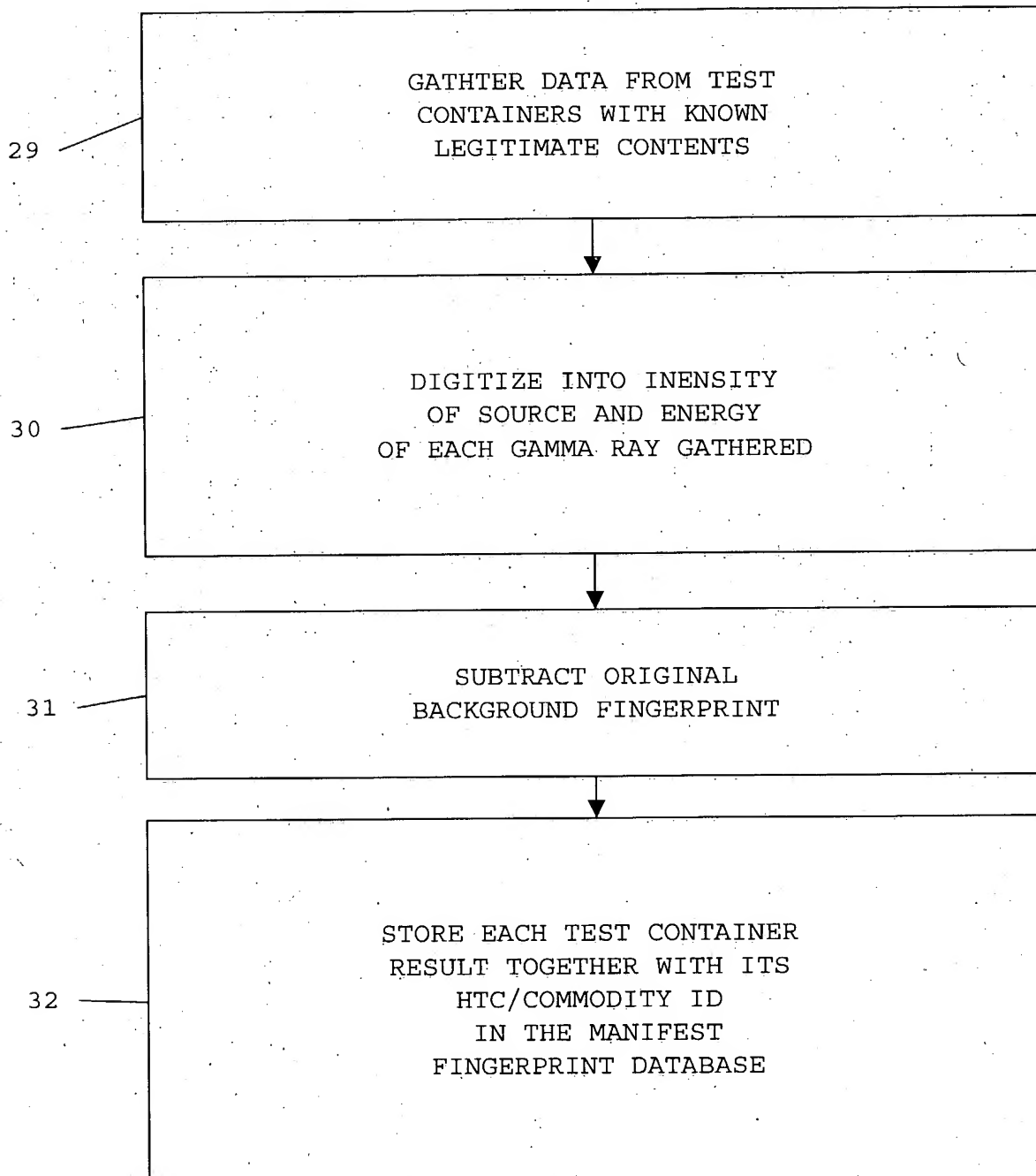


FIG. 8

CREATE INSPECTION DAY BACKGROUND FINGERPRINT
DATABASE

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BEGINNING OF EACH DAY OF
USE, GATHTER DATA FROM
EMPTY TEST CONTAINERS



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DIGITIZE INTO INTENSITY
OF SOURCE AND/OR ENERGY
OF EACH GAMMA RAY GATHERED



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STORE RESULT AS
INSPECTION DAY BACKGROUND
FINGERPRINT IN DATABASE

FIG. 9

